

ORIGINAL

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of)
Amendment of Section 73.622(b),) File No. BPRM-20090528AFA
Final DTV Table of Allotments,) RM-_____
Television Broadcast Stations)
(New Orleans, Louisiana))
WVUE-DT)
New Orleans, Louisiana)
Facility ID No. 4149)

)

FILED/ACCEPTED

AUG - 4 2009

Federal Communications Commission
Office of the Secretary

SUPPLEMENT TO PETITION FOR RULEMAKING

Louisiana Media Company, LLC (“Louisiana Media”), licensee of full-power commercial television station WVUE-DT, New Orleans, Louisiana (Facility ID No. 4149) (“WVUE”), hereby supplements its pending petition for rulemaking to amend Section 73.622(b) of the rules, the DTV Table of Allotments, to substitute Channel 29 for Channel 8 at New Orleans, Louisiana, to submit the following information: (1) an Interference Acceptance Agreement between Louisiana Media and Folsom Communications, L.L.C. (“Folsom”), licensee of Class A station KFOL-CA, Houma, Louisiana (“KFOL”) (submitted as Exhibit A hereto); and (2) a supplemental engineering statement proposing to increase WVUE’s power and height on digital Channel 29 in order to replicate the station’s post-transition service on digital Channel 8 and former analog service.

By letter dated July 14, 2009, the Media Bureau notified Louisiana Media that its Channel 29 rulemaking petition is mutually exclusive with a pending minor

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modification application for KFOL filed by Folse. Specifically, the letter stated that the proposed minor modification of KFOL is predicted to cause interference to 0.6 percent of the population within the contour of WVUE's proposed Channel 29 facility. On July 21, 2009, Louisiana Media and Folse entered into an Interference Acceptance Agreement pursuant to which each party's station agrees to accept up to 4.63 percent interference from the other party's station.¹ A fully-executed copy of the Interference Acceptance Agreement is submitted herewith within the 90-day settlement period prescribed by Section 73.623(h) of the rules.²

Further, Louisiana Media supplements its petition with a revised engineering proposal to operate WVUE on Channel 29 at an increased power of 850 kW (as opposed to 660 kW originally proposed) at 292 meters height above average terrain (as opposed to 274 meters originally proposed).³ The increased power and height will allow WVUE to fully replicate on Channel 29 the service area that WVUE is predicted to serve on digital Channel 8 and also will fully replicated WVUE's former analog service area. The proposed power and height increase also will not cause impermissible interference to any other station. Accordingly, if the petition is granted, WVUE intends to apply for a permit to construct its final Channel 29 DTV facility, using a directional

¹ Although the Media Bureau's engineering analysis predicted 0.6 percent interference from KFOL to WVUE on Channel 29, Louisiana Media's engineering analysis predicted a higher interference level which formed the basis for the parties' agreement.

² See Exhibit A hereto.

³ See Exhibit B hereto.

antenna, to operate at an effective radiated power of 850 kW and a height above average terrain of 292 meters.⁴

Respectfully submitted,

LOUISIANA MEDIA COMPANY, LLC

By: 
Mace J. Rosenstein
Christopher G. Tygh

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Its Attorneys

August 4, 2009

⁴ Until Louisiana Media completes construction of WVUE's higher-power facilities, it intends to seek special temporary authority to continue operating WVUE on an interim basis on Channel 29 with its current, pre-transition operating parameters of 660 kW at 274 meters height above average terrain.

EXHIBIT A

JUL-24-2009 FRI 11:13 AM WVUE TRAFFIC DEPT

FAX NO. 504 483 1212

P. D2

INTERFERENCE ACCEPTANCE AGREEMENT

This Interference Acceptance Agreement ("Agreement") is entered into as of July 21, 2009 by and between Louisiana Media Company, LLC ("WVUE") and Polse Communications, L.L.C. ("KFOL").

1. WVUE is the licensee of full-power commercial television station WVUE-DT, New Orleans, Louisiana (FCC Facility ID No. 4149). WVUE has filed a petition for rulemaking to amend Section 73.622(l) of the FCC's rules (the DTV Table of Allotments) to substitute Channel 29 for Channel 8 at New Orleans, and proposes to operate WVUE-DT on Channel 29 at the station's previously authorized ERP of 660 kW (the "WVUE Petition").

2. KFOL is the licensee of Class A television station KFOL-CA, Houma, Louisiana (FCC Facility ID No. 24978). KFOL holds a license issued by the FCC authorizing it to operate KFOL-CA on Channel 30 and has applied for a digital construction permit to increase the ERP of KFOL-CA to 15 kW (FCC File No. BMPDTA-20090526AEG) (the "KFOL Application").

3. WVUE desires to obtain the Channel 29 allotment specified in the WVUE Petition and to operate WVUE-DT with an ERP of 660 kW, which is not predicted to cause interference to the proposed KFOL-CA facility specified in the KFOL Application. At a later date, WVUE may apply to operate WVUE-DT on Channel 29 at a higher ERP than 660 kW, which may cause interference to KFOL-CA. In addition, the facility proposed by the KFOL Application would cause 4.63% new predicted interference to the service population of WVUE-DT's theoretical allotment facility on Channel 29 specified in the WVUE Petition, as calculated under the FCC's technical rules governing Class A predicted interference to full power digital television stations.

4. WVUE hereby agrees to accept the interference described in Paragraph 3. In addition, KFOL hereby agrees to accept up to 4.63% predicted interference to the service population of the KFOL-CA Application facility (as calculated under the FCC's technical rules governing full power digital television station predicted interference to Class A stations) from future modifications that WVUE may make to WVUE-DT. Furthermore, to the extent future facility modifications of KFOL or WVUE will cause more predicted interference than that agreed to herein, the parties agree to cooperate in good faith in reaching a mutually satisfactory agreement regarding such additional interference.

5. This agreement shall be binding upon the parties hereto and their respective successors or assigns.

LOUISIANA MEDIA COMPANY, LLC

POLSE COMMUNICATIONS, L.L.C.

By:

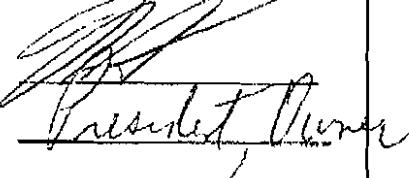


Title:

Pres. & G.M.

7-24-09

By:



Title:

EXHIBIT B



**SUPPLEMENTAL ENGINEERING EXHIBIT
RE: RULEMAKING PETITION BPRM-20090528AFA**

INTRODUCTION

This statement was prepared on behalf of Louisiana Media Company, LLC, ("Louisiana Media"), licensee of commercial DTV station WVUE-DT, New Orleans, Louisiana (FIN 4149), to amend the technical parameters specified for substituting Channel 29 for Channel 8 at New Orleans, Louisiana. It also demonstrates full replication of the theoretical service population associated with WVUE-DT's constructed DTV Channel 8 facility and the post-transition DTV Table of Allotments.¹

PROPOSED CHANNEL CHANGE

Channel 29 can be used in lieu of Channel 8 at New Orleans in full compliance with both the interference protection criteria of Section 73.616 and the principal community coverage requirement of Section 73.625(a) of the Commission's Rules. Louisiana Media seeks to change WVUE-DT's current VHF channel to a UHF channel as the station is the only commercial VHF station operating in the New Orleans, LA - Designated Market Area, and its current DTV operation on VHF Channel 8 has resulted in poor digital service compared with the UHF stations in the market. A grant of this proposal will permit WVUE-DT to replicate pre-transition analog service on a UHF DTV channel, and thereby will allow the station to maintain network program service to previous analog viewers. Louisiana Media proposes to substitute UHF Channel 29 for VHF Channel 8 at New Orleans with the following specification:

State and City	DTV Channel	DTV Power (kW)	Antenna HAAT (m)
New Orleans, Louisiana	29	850 (DA)	292

¹ Post-transition DTV Table of Allotments and assigned operating facilities, *Seventh R&O and Eighth FNPRM*,



LOHNES AND CULVER

TELEVISION AND RADIO CONSULTING ENGINEERS

A full description of the new Channel 29 facilities, including a tabulation of antenna relative field, is provided in Figure 1.

As indicated above, it has been concluded that Channel 29 can be substituted for Channel 8 at New Orleans in compliance with the Commission's interference protection requirements.² The proposal was evaluated for interference using the Longley-Rice prediction methodology with the same analysis software employed by the Commission staff.³ It has been determined that the proposed channel change will not result in interference exceeding the population reduction allowance of 0.5% with regard to all post-transition DTV and Class A TV stations. A copy of the analysis is provided as Figure 2.

The new Channel 29 facilities will fully replicate both pre-transition analog and post-transition digital service. Since Louisiana Media proposes to operate WVUE-DT on Channel 29 at the same coordinates previously authorized for analog and digital service on Channel 8, previous analog and digital service will be substantially maintained as Channel 29 is predicted to provide coverage to 1,791,744 viewers.⁴ Table 1 lists the pertinent service population totals for Channel 8, analog and digital, as well as the percentage of coverage that will be maintained by the new Channel 29 facilities.⁵

Appendix B, MB Docket No. 87-268, FCC 07-138.

² *Third Periodic Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television*, MB Docket No. 07-91, Report and Order, FCC 07-228. The Commission adopted new interference standards for post-transition DTV stations.

³ See FCC OET Bulletin No. 69. (February 6, 2004). Part 3: The FCC Longley-Rice Computer Program.

⁴ DTV service population was calculated using the post-transition database and the standard prediction methodology described in FCC OET Bulletin No. 69.

⁵ The previous analog TV Channel 8 service population was taken from Public Notice, "DTV Channel Election Information and First Round Election Filing Deadline", DA 04-3922, Table I, released December 21, 2004. DTV Channel 8 service populations were computed using the standard OET 69 prediction method based on the Commission's current engineering database.



Table 1

**Percentage of Ch. 8 Analog and Digital Service Replication
(Proposed Ch. 29 Service Population: 1,791,744)**

FCC Authorization	Channel	ERP (kW)	HAAT (m)	Latitude	Longitude	Service Pop.	Replication
BMLCT-19890510KF	Analog 8	316	302	295714	895658	1704975	+100%
BPCDT-20080312ACS	DTV 8	14.6	302	295714	895658	1790334	+100%
Appendix B	DTV 8	14.665	302	295714	895658	1792629	100%

By comparison it is clear that the new Channel 29 facilities will fully replicate the station's past analog and present digital service. In conclusion, the request to substitute Channel 29 for Channel 8 at New Orleans, Louisiana will permit WVUE-DT to resolve poor reception problems by switching to a UHF channel, and thereby will provide full DTV coverage to the viewers of its previous analog signal.

Respectfully submitted,

D. Scott Turpie

LOHNES AND CULVER
8309 Cherry Lane
Laurel, MD 20707-4830
Telephone: 301-776-4488

August 2009

FIGURE 1
PROPOSED DTV CHANNEL & FACILITIES
WVUE-DT NEW ORLEANS, LOUISIANA

RE: PETITION TO AMEND THE DTV TABLE

LOUISIANA MEDIA COMPANY, LLC.

BPRM-20090528AFA

TECHNICAL SPECIFICATIONS:
WVUE-DT NEW ORLEANS, LA - FAC ID 4149

TECH BOX

1. Channel Number: 29

2. Zone: I II III

3. Antenna Location Coordinates: (NAD 27)

29 ° 57' 14" N S Latitude
89 ° 56' 58" E W Longitude

4. Antenna Location Site Elevation Above Mean Sea Level: 1 meters

5. Height of Radiation Center Above Ground Level: 292 meters

6. Height of Radiation Center Above Mean Sea Level: 293 meters

7. Height of Radiation Center Above Average Terrain: 292 meters

8. Maximum Effective Radiated Power (average power): 850 kW

9. Directional Antenna Relative Field Values: 330

FIGURE 2 INTERFERENCE ANALYSIS

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-03-2009 Time: 11:37:36

Record Selected for Analysis

WVUE-DT USERRECORD-01 NEW ORLEANS LA US
Channel 29 ERP 850. kW HAAT 292. m RCAMSL 00293 m
Latitude 029-57-14 Longitude 0089-56-58
Status APP Zone 3 Border
Dir Antenna Make usr Model ATW-C1 Beam tilt N Ref Azimuth 330.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	747.867	292.9	93.2
45.0	833.927	293.0	94.3
90.0	410.571	292.9	87.6
135.0	38.383	291.9	72.3
180.0	102.938	291.7	77.8
225.0	628.660	292.5	91.5
270.0	843.214	291.9	94.2
315.0	806.375	292.9	93.9

Evaluation toward Class A Stations

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BDISTTA 20060630AGU

Station inside contour of Class A station
WTNO-LP 22 NEW ORLEANS LA BSTA 20090612AHV

Class A Evaluation Complete

FIGURE 2 INTERFERENCE ANALYSIS

SPACING VIOLATION FOUND BETWEEN STATION

WVUE-DT 29 NEW ORLEANS LA USERRECORD01

and station

SHORT TO: WVUE-DR 29 NEW ORLEANS LA BPRM 20090528AFA
029-57-14 0089-56-58
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: WVUE-DT 29 NEW ORLEANS LA BLCDT 20050614AAH
029-57-14 0089-56-58
Req. separation 223.7 Actual separation 0.0 Short 223.7 km

SHORT TO: KFOL-CA 30 HOUma LA BMPDTA 20080804AEE
029-35-33 0090-44-34
Req. separation => 24.0 <= 110.0 Actual separation 86.5 Short 23.5(62.5) km

SHORT TO: KFOL-CA 30 HOUma LA BMPDTA 20090526AEG
029-36-24 0090-41-42
Req. separation => 24.0 <= 110.0 Actual separation 81.7 Short 28.3(57.7) km

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 1.49km from AM station
NEW ORLEANS LA WTIX Status: L Antenna: DA2

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
29	WVUE-DT	NEW ORLEANS LA	USERRECORD01

FIGURE 2
INTERFERENCE ANALYSIS

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
21	WBRL-CA	BATON ROUGE LA	134.1	LIC	BLTTA -20030530ANC
22	KWBJ-CD	MORGAN CITY LA	123.8	CP	BDISTTA -20090204ACQ
22	WTNO-LP	NEW ORLEANS LA	18.8	APP	BDISTTA -20060630AGU
22	WTNO-LP	NEW ORLEANS LA	18.8	APP	BSTA -20090612AHV
28	KATC	LAFAYETTE LA	228.7	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	228.7	PLN	DTVPLN -DTVP1033
28	WDAM-TV	LAUREL MS	178.4	LIC	BLCDT -20020426ABB
28	WDAM-TV	LAUREL MS	178.4	PLN	DTVPLN -DTVP1040
28	WDAM-TV	LAUREL MS	178.4	CP	BPCDT -20080620AGJ
29	WBIH	SELMA AL	412.1	CP	BPCDT -20080617ADT
29	WBIH	SELMA AL	412.1	PLN	DTVPLN -DTVP1059
30	WLFT-CA	BATON ROUGE LA	116.3	LIC	BLTTA -20070813AFZ
30	WLFT-CA	BATON ROUGE LA	116.3	CP	BDFCTA -20080804ACM
30	KFOL-CA	HOUMA LA	86.4	APP	BPTTA -20080411ABC
30	KFOL-CA	HOUMA LA	79.4	LIC	BLTTL -19950329IC
30	KFOL-CA	HOUMA LA	86.4	CP MOD	BMPDTA -20080804AEE
30	KFOL-CA	HOUMA LA	81.6	APP	BMPDTA -20090526AEG

%%%%%%%%%%%%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	WBRL-CA	BATON ROUGE LA	BLTTA -20030530ANC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
18	WMAU-TV	BUDE MS	126.7	CP MOD	BMPEDT -20090121AHA
18	WMAU-TV	BUDE MS	126.7	PLN	DTVPLN -DTVP0641
20	KZUP-CA	BATON ROUGE LA	0.0	APP	BDISDTA -20080910AAY
21	K21EL	ALEXANDRIA LA	153.1	CP	BPTTL -20080411AED
21	KPXJ	MINDEN LA	363.5	LIC	BLCDT -20050930AAL
21	KPXJ	MINDEN LA	363.5	PLN	DTVPLN -DTVP0760
21	WHNO	NEW ORLEANS LA	128.6	LIC	BLCDT -20050413AAK
21	WHNO	NEW ORLEANS LA	128.6	PLN	DTVPLN -DTVP0761
21	WAPT	JACKSON MS	236.2	CP	BPCDT -19990915ATM
21	WAPT	JACKSON MS	236.2	PLN	DTVPLN -DTVP0766
21	KFDM-TV	BEAUMONT TX	260.3	CP	BPCDT -20080618AAY
21	KFDM-TV	BEAUMONT TX	260.3	PLN	DTVPLN -DTVP0781
21	KFDM-TV	BEAUMONT TX	260.3	LIC	BLCDT -20030122ADG
23	KLPB-TV	LAFAYETTE LA	96.5	LIC	BLEDT -20031117ACC
23	KLPB-TV	LAFAYETTE LA	96.5	PLN	DTVPLN -DTVP0842
24	WUPL	SLIDELL LA	128.6	LIC	BLCDT -20040812AAA
24	WUPL	SLIDELL LA	128.6	PLN	DTVPLN -DTVP0882
25	WLPB-TV	BATON ROUGE LA	8.7	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	8.7	PLN	DTVPLN -DTVP0921
25	WLPB-TV	BATON ROUGE LA	8.7	CP MOD	BMPEDT -20081008ADB

FIGURE 2

INTERFERENCE ANALYSIS

28	KATC	LAFAYETTE LA	97.2	CP MOD	BMPCTD	-20060906AAW
28	KATC	LAFAYETTE LA	97.2	PLN	DTVPLN	-DTVP1033
35	KALB-TV	ALEXANDRIA LA	140.8	CP MOD	BMPCTD	-20090407ABA
35	KALB-TV	ALEXANDRIA LA	140.8	PLN	DTVPLN	-DTVP1293
36	WWL-TV	NEW ORLEANS LA	127.8	LIC	BLCDT	-20020506AAK
36	WWL-TV	NEW ORLEANS LA	127.8	PLN	DTVPLN	-DTVP1329
36	WWL-TV	NEW ORLEANS LA	127.8	CP	BPCDT	-20080617AEJ
29	WVUE-DT	NEW ORLEANS LA	134.1	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 2

Analysis of current record

Channel Call City/State Application Ref. No.
22 KWBJ-CD MORGAN CITY LA BDISTTA -20090204ACO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref.	No.
15	WNOL-TV	NEW ORLEANS LA	124.5	CP MOD	BMPCTD	-20080620ADC
15	WNOL-TV	NEW ORLEANS LA	122.9	PLN	DTVPLN	-DTVP0529
21	WHNO	NEW ORLEANS LA	115.9	LIC	BLCDT	-20050413AAK
21	WHNO	NEW ORLEANS LA	115.9	PLN	DTVPLN	-DTVP0761
22	WTNO-LP	NEW ORLEANS LA	106.1	APP	BDISTTA	-20060630AGU
22	WTNO-LP	NEW ORLEANS LA	106.1	APP	BSTA	-20090612AHV
22	KDCG-CD	OPELOUSAS LA	121.2	LIC	BLDTA	-20090610AAO
22	WHLT	HATTIESBURG MS	265.6	CP MOD	BMPCTD	-20080619ACC
22	WHLT	HATTIESBURG MS	265.6	PLN	DTVPLN	-DTVP0807
23	KLPB-TV	LAFAYETTE LA	123.4	LIC	BLEDT	-20031117ACC
23	KLPB-TV	LAFAYETTE LA	123.4	PLN	DTVPLN	-DTVP0842
24	WUPL	SLIDELL LA	115.9	LIC	BLCDT	-20040812AAA
24	WUPL	SLIDELL LA	115.9	PLN	DTVPLN	-DTVP0882
25	WLPB-TV	BATON ROUGE LA	72.5	LIC	BLEDT	-20041020ADE
25	WLPB-TV	BATON ROUGE LA	72.5	PLN	DTVPLN	-DTVP0921
25	WLPB-TV	BATON ROUGE LA	72.5	CP MOD	BMPEDT	-20081008ADB
26	WGNO	NEW ORLEANS LA	124.5	CP MOD	BMPCTD	-20080620ACU
26	WGNO	NEW ORLEANS LA	122.9	PLN	DTVPLN	-DTVP0952
36	WWL-TV	NEW ORLEANS LA	114.3	LIC	BLCDT	-20020506AAK
36	WWL-TV	NEW ORLEANS LA	114.3	PLN	DTVPLN	-DTVP1329
36	WWL-TV	NEW ORLEANS LA	114.3	CP	BPCDT	-20080617AEJ
29	WVUE-DT	NEW ORLEANS LA	123.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 3

FIGURE 2 INTERFERENCE ANALYSIS

Analysis of current record

Channel Call City/State Application Ref. No.
22 WTNOLP NEW ORLEANS LA BDISTTA -20060630AGU

Stations Potentially Affecting This Station

Chan	Call1	City/State	Dist (km)	Status	Application Ref.	No.
15	WNOL-TV	NEW ORLEANS LA	18.7	CP MOD	BMPCTD	-20080620ADC
15	WNOL-TV	NEW ORLEANS LA	18.1	PLN	DTVPLN	-DTVP0529
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDT	-20050413AAK
21	WHNO	NEW ORLEANS LA	13.0	PLN	DTVPLN	-DTVP0761
22	WHLT	HATTIESBURG MS	181.1	CP MOD	BMPCTD	-20080619ACC
22	WHLT	HATTIESBURG MS	181.1	PLN	DTVPLN	-DTVP0807
24	WUPL	SLIDELL LA	13.0	LIC	BLCDT	-20040812AAA
24	WUPL	SLIDELL LA	13.0	PLN	DTVPLN	-DTVP0882
25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT	-20041020ADE
25	WLPB-TV	BATON ROUGE LA	111.1	PLN	DTVPLN	-DTVP0921
25	WLPB-TV	BATON ROUGE LA	111.1	CP MOD	BMPEDT	-20081008ADB
26	WGNO	NEW ORLEANS LA	18.7	CP MOD	BMPCTD	-20080620ACU
26	WGNO	NEW ORLEANS LA	18.1	PLN	DTVPLN	-DTVP0952
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDT	-20020506AAK
36	WWL-TV	NEW ORLEANS LA	12.6	PLN	DTVPLN	-DTVP1329
36	WWL-TV	NEW ORLEANS LA	12.6	CP	BPCDT	-20080617AEJ
29	WVUE-DT	NEW ORLEANS LA	18.8	APP	USERRECORD-01	

Proposal causes no interference

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WTNO-LP	NEW ORLEANS LA	BSTA -20090612AHV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
15	WNOL-TV	NEW ORLEANS LA	18.7	CP MOD	BMPCTD -20080620ADC
15	WNOL-TV	NEW ORLEANS LA	18.1	PLN	DTVPLN -DTVP0529
21	WHNO	NEW ORLEANS LA	13.0	LIC	BLCDT -20050413AAK
21	WHNO	NEW ORLEANS LA	13.0	PLN	DTVPLN -DTVP0761
22	KWBJ-CD	MORGAN CITY LA	106.1	CP	BDISTTA -20090204ACQ
22	KWBJ-CD	MORGAN CITY LA	106.1	LIC	BLDTA -20090512AAZ
22	WHLT	HATTIESBURG MS	181.1	CP MOD	BMPCTD -20080619ACC
22	WHLT	HATTIESBURG MS	181.1	PLN	DTVPLN -DTVP0807
24	WUPL	SLIDELL LA	13.0	LIC	BLCDT -20040812AAA
24	WUPL	SLIDELL LA	13.0	PLN	DTVPLN -DTVP0882
25	WLPB-TV	BATON ROUGE LA	111.1	LIC	BLEDT -20041020ADE
25	WLPB-TV	BATON ROUGE LA	111.1	PLN	DTVPLN -DTVP0921
25	WLPB-TV	BATON ROUGE LA	111.1	CP MOD	BMPEDT -20081008ADB
26	WGNO	NEW ORLEANS LA	18.7	CP MOD	BMPCTD -20080620ACU

FIGURE 2
INTERFERENCE ANALYSIS

26	WGNO	NEW ORLEANS LA	18.1	PLN	DTVPLN	-DTVP0952
36	WWL-TV	NEW ORLEANS LA	12.6	LIC	BLCDT	-20020506AAK
36	WWL-TV	NEW ORLEANS LA	12.6	PLN	DTVPLN	-DTVP1329
36	WWL-TV	NEW ORLEANS LA	12.6	CP	BPCDT	-20080617AEJ
29	WVUE-DT	NEW ORLEANS LA	18.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KATC	LAFAYETTE LA	BMPCDT -20060906AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KTBS-TV	SHREVEPORT LA	305.2	LIC	BLCDT -20020911ABZ
28	KTBS-TV	SHREVEPORT LA	305.2	PLN	DTVPLN -DTVP1034
28	WDAM-TV	LAUREL MS	312.9	LIC	BLCDT -20020426ABB
28	WDAM-TV	LAUREL MS	312.9	PLN	DTVPLN -DTVP1040
28	WDAM-TV	LAUREL MS	312.9	CP	BPCDT -20080620AGJ
28	KYLE-DR	BRYAN TX	398.2	APP	BPRM -20090203AEO
28	KYLE	BRYAN TX	398.2	PLN	DTVPLN -DTVP1052
28	KYLE-TV	BRYAN TX	398.2	CP	BPCDT -20090507ADF
29	WVUE-DT	NEW ORLEANS LA	228.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	KATC	LAFAYETTE LA	DTVPLN -DTVP1033

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KTBS-TV	SHREVEPORT LA	305.2	LIC	BLCDT -20020911ABZ
28	KTBS-TV	SHREVEPORT LA	305.2	PLN	DTVPLN -DTVP1034
28	WDAM-TV	LAUREL MS	312.9	LIC	BLCDT -20020426ABB
28	WDAM-TV	LAUREL MS	312.9	PLN	DTVPLN -DTVP1040
28	WDAM-TV	LAUREL MS	312.9	CP	BPCDT -20080620AGJ
28	KYLE-DR	BRYAN TX	398.2	APP	BPRM -20090203AEO
28	KYLE	BRYAN TX	398.2	PLN	DTVPLN -DTVP1052
28	KYLE-TV	BRYAN TX	398.2	CP	BPCDT -20090507ADF
29	WVUE-DT	NEW ORLEANS LA	228.7	APP	USERRECORD-01

FIGURE 2 INTERFERENCE ANALYSIS

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WDAM-TV	LAUREL MS	BLCDT -20020426ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WKRG-TV	MOBILE AL	162.5	LIC	BLCDT -20050705AAO
27	WKRG-TV	MOBILE AL	162.5	PLN	DTVPLN -DTVP0979
27	WKRG-TV	MOBILE AL	162.5	CP	BPCDT -20080317AIF
28	WTTO	HOMewood AL	323.9	CP MOD	BMPCDT -20041104AMB
28	WTTO	HOMewood AL	323.9	PLN	DTVPLN -DTVP1021
28	KATC	LAFAYETTE LA	312.9	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	312.9	PLN	DTVPLN -DTVP1033
28	WREG-TV	MEMPHIS TN	417.4	LIC	BLCDT -20050513AAE
28	WREG-TV	MEMPHIS TN	417.4	PLN	DTVPLN -DTVP1051
29	WVUE-DT	NEW ORLEANS LA	178.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WDAM-TV	LAUREL MS	DTVPLN -DTVP1040

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WKRG-TV	MOBILE AL	162.5	LIC	BLCDT -20050705AAO
27	WKRG-TV	MOBILE AL	162.5	PLN	DTVPLN -DTVP0979
27	WKRG-TV	MOBILE AL	162.5	CP	BPCDT -20080317AIF
28	WTTO	HOMewood AL	323.9	CP MOD	BMPCDT -20041104AMB
28	WTTO	HOMewood AL	323.9	PLN	DTVPLN -DTVP1021
28	KATC	LAFAYETTE LA	312.9	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	312.9	PLN	DTVPLN -DTVP1033
28	WREG-TV	MEMPHIS TN	417.4	LIC	BLCDT -20050513AAE
28	WREG-TV	MEMPHIS TN	417.4	PLN	DTVPLN -DTVP1051
29	WVUE-DT	NEW ORLEANS LA	178.4	APP	USERRECORD-01

FIGURE 2 INTERFERENCE ANALYSIS

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	WDAM-TV	LAUREL MS	BPCDT -20080620AGJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WKRG-TV	MOBILE AL	162.5	LIC	BLCDT -20050705AAO
27	WKRG-TV	MOBILE AL	162.5	PLN	DTVPLN -DTVP0979
27	WKRG-TV	MOBILE AL	162.5	CP	BPCDT -20080317AIF
28	WTTO	HOMEWOOD AL	323.9	CP MOD	BMPCDT -20041104AMB
28	WTTO	HOMEWOOD AL	323.9	PLN	DTVPLN -DTVP1021
28	KATC	LAFAYETTE LA	312.9	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	312.9	PLN	DTVPLN -DTVP1033
28	WREG-TV	MEMPHIS TN	417.4	LIC	BLCDT -20050513AAE
28	WREG-TV	MEMPHIS TN	417.4	PLN	DTVPLN -DTVP1051
29	WVUE-DT	NEW ORLEANS LA	178.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WBIH	SELMA AL	BPCDT -20080617ADT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WTTO	HOMEWOOD AL	105.0	CP MOD	BMPCDT -20041104AMB
28	WTTO	HOMEWOOD AL	105.0	PLN	DTVPLN -DTVP1021
29	WTCI	CHATTANOOGA TN	329.6	LIC	BLEDT -20060629ACO
29	WTCI	CHATTANOOGA TN	329.6	PLN	DTVPLN -DTVP1088
29	WKNO	MEMPHIS TN	400.0	LIC	BLEDT -20060627ABE
29	WKNO	MEMPHIS TN	400.0	PLN	DTVPLN -DTVP1089
29	WKNO	MEMPHIS TN	400.0	CP MOD	BMPEDT -20021112ACA
30	WIAT	BIRMINGHAM AL	105.0	LIC	BLCDT -20021219AAV
30	WIAT	BIRMINGHAM AL	105.0	PLN	DTVPLN -DTVP1093
29	WVUE-DT	NEW ORLEANS LA	412.1	APP	USERRECORD-01

Proposal causes no interference

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FIGURE 2

INTERFERENCE ANALYSIS

Analysis of Interference to Affected Station 11

Analysis of current record

Channel 29	Call WBIH	City/State SELMA AL	Application Ref. No. DTVPLN -DTVP1059
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref.	No.
28	WTTO	HOMEWOOD AL	104.9	CP MOD	BMPCTD	-20041104AMB
28	WTTO	HOMEWOOD AL	104.9	PLN	DTVPLN	-DTVP1021
29	WTCI	CHATTANOOGA TN	329.5	LIC	BLEDT	-20060629ACO
29	WTCI	CHATTANOOGA TN	329.5	PLN	DTVPLN	-DTVP1088
29	WKNO	MEMPHIS TN	400.0	LIC	BLEDT	-20060627ABE
29	WKNO	MEMPHIS TN	400.0	PLN	DTVPLN	-DTVP1089
29	WKNO	MEMPHIS TN	400.0	CP MOD	BMPEDT	-20021112ACA
30	WIAT	BIRMINGHAM AL	104.9	LIC	BLCDT	-20021219AAV
30	WIAT	BIRMINGHAM AL	104.9	PLN	DTVPLN	-DTVP1093
29	WVUE-DT	NEW ORLEANS LA	412.1	APP	USERRECORD	-01
Proposal causes no interference						

Proposal causes no interference

Analysis of Interference to Affected Station 12

Analysis of current record

Analysis of Current Record

Channel	Call	City/State	Application Ref. No.
30	WLFT-CA	BATON ROUGE LA	BLTTA -20070813AEZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
23	KLPB-TV	LAFAYETTE LA	118.0	LIC	BLEDT -20031117ACC
23	KLPB-TV	LAFAYETTE LA	118.0	PLN	DTVPLN -DTVP0842
26	WGNO	NEW ORLEANS LA	115.0	CP MOD	BMPCDT -20080620ACU
26	WGNO	NEW ORLEANS LA	115.8	PLN	DTVPLN -DTVP0952
28	KATC	LAFAYETTE LA	118.7	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	118.7	PLN	DTVPLN -DTVP1033
30	KFOL-CA	HOUMA LA	92.6	APP	BPTTA -20080411ABC
30	KFOL-CA	HOUMA LA	88.6	LIC	BLTTL -19950329IC
30	KFOL-CA	HOUMA LA	92.7	APP	BMPDTA -20090526AEG
30	KVHP	LAKE CHARLES LA	242.1	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	242.1	PLN	DTVPLN -DTVP1104
30	W30CC	NATCHEZ MS	122.0	CP	BPTTL -20070706ACK
31	WLAE-TV	NEW ORLEANS LA	114.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	114.7	PLN	DTVPLN -DTVP1142
34	WVLA-TV	BATON ROUGE LA	22.2	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	22.2	PLN	DTVPLN -DTVP1255
45	WGMB-TV	BATON ROUGE LA	22.1	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	22.1	PLN	DTVPLN -DTVP1614
29	WVUE-DT	NEW ORLEANS LA	116.3	APP	USERRECORD-01

FIGURE 2 INTERFERENCE ANALYSIS

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WLFT-CA	BATON ROUGE LA	BDFCDTA -20080804ACM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KVHP	LAKE CHARLES LA	242.1	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	242.1	PLN	DTVPLN -DTVP1104
31	KLAX-TV	ALEXANDRIA LA	194.0	CP	BPCDT -20080617ADM
31	KLAX-TV	ALEXANDRIA LA	194.0	PLN	DTVPLN -DTVP1141
31	WLAE-TV	NEW ORLEANS LA	114.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	114.7	PLN	DTVPLN -DTVP1142
29	WVUE-DT	NEW ORLEANS LA	116.3	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KFOL-CA	HOUMA LA	BPTTA -20080411ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	88.0	CP MOD	BMPCTD -20080620ACU
26	WGNO	NEW ORLEANS LA	85.5	PLN	DTVPLN -DTVP0952
30	WLFT-CA	BATON ROUGE LA	92.6	LIC	BLTTA -20070813AFZ
30	WLFT-CA	BATON ROUGE LA	92.6	CP	BDFCDTA -20080804ACM
30	KVHP	LAKE CHARLES LA	283.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	283.7	PLN	DTVPLN -DTVP1104
31	WLAE-TV	NEW ORLEANS LA	87.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	87.7	PLN	DTVPLN -DTVP1142
34	WVLA-TV	BATON ROUGE LA	96.4	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	96.4	PLN	DTVPLN -DTVP1255
45	WGMB-TV	BATON ROUGE LA	96.4	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	96.4	PLN	DTVPLN -DTVP1614
29	WVUE-DT	NEW ORLEANS LA	86.4	APP	USERRECORD-01

Proposal causes no interference

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FIGURE 2
INTERFERENCE ANALYSIS

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KFOL-CA	HOUma LA	BLTTL -19950329IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WGNO	NEW ORLEANS LA	80.8	CP MOD	BMPCTD -20080620ACU
26	WGNO	NEW ORLEANS LA	78.4	PLN	DTVPLN -DTVP0952
30	WLFT-CA	BATON ROUGE LA	88.6	LIC	BLTTA -20070813AFZ
30	KVHP	LAKE CHARLES LA	286.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	286.7	PLN	DTVPLN -DTVP1104
31	WLAE-TV	NEW ORLEANS LA	80.5	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	80.5	PLN	DTVPLN -DTVP1142
34	WVLA-TV	BATON ROUGE LA	94.0	LIC	BLCDT -20051221A00
34	WVLA	BATON ROUGE LA	94.0	PLN	DTVPLN -DTVP1255
45	WGMB-TV	BATON ROUGE LA	94.1	LIC	BLCDT -20060103ACW
45	WGMB	BATON ROUGE LA	94.1	PLN	DTVPLN -DTVP1614
29	WVUE-DT	NEW ORLEANS LA	79.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KFOL-CA	HOUma LA	BMPDTA -20080804AEE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	KVHP	LAKE CHARLES LA	283.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	283.7	PLN	DTVPLN -DTVP1104
31	WLAE-TV	NEW ORLEANS LA	87.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	87.7	PLN	DTVPLN -DTVP1142
29	WVUE-DT	NEW ORLEANS LA	86.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	KFOL-CA	HOUma LA	BMPDTA -20090526AEG

Stations Potentially Affecting This Station

FIGURE 2
INTERFERENCE ANALYSIS

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
30	KVHP	LAKE CHARLES LA	287.7	CP	BPCDT -19990714LD
30	KVHP	LAKE CHARLES LA	287.7	PLN	DTVPLN -DTVP1104
31	WLAE-TV	NEW ORLEANS LA	82.9	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	82.9	PLN	DTVPLN -DTVP1142
29	WVUE-DT	NEW ORLEANS LA	81.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WVUE-DT	NEW ORLEANS LA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
28	KATC	LAFAYETTE LA	228.7	CP MOD	BMPCDT -20060906AAW
28	KATC	LAFAYETTE LA	228.7	PLN	DTVPLN -DTVP1033
28	WDAM-TV	LAUREL MS	178.4	LIC	BLCDT -20020426ABB
28	WDAM-TV	LAUREL MS	178.4	PLN	DTVPLN -DTVP1040
28	WDAM-TV	LAUREL MS	178.4	CP	BPCDT -20080620AGJ
29	WBIH	SELMA AL	412.1	CP	BPCDT -20080617ADT
29	WBIH	SELMA AL	412.1	PLN	DTVPLN -DTVP1059

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 18

Before Analysis

Results for: 29A LA NEW ORLEANS USERRECORD01 APP

HAAT 292.0 m, ATV ERP 850.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1791744	25557.2
not affected by terrain losses	1791744	25553.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Broadcast Antenna System

Power Analysis

Channel 29

ATW33H3-HTC1-29H

ANTENNA PARAMETERS

Azimuth Directivity:

Hor. Pol: 1.52
dBd: 1.82

Elevation Directivity:

Hor. Pol: 33.00
dBd: 15.19

TRANSMISSION LINE:

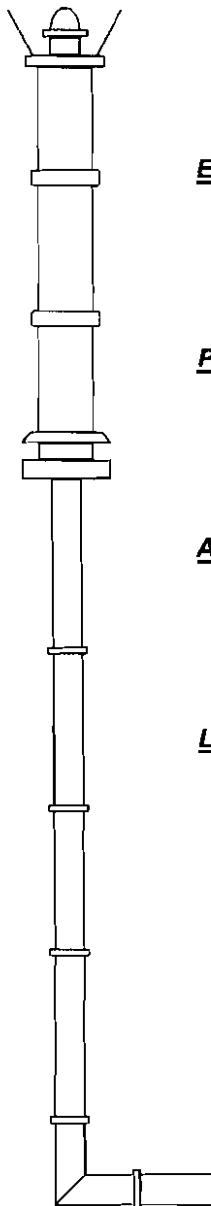
VERTICAL RUN:

Type: MACX875B
Length, ft: 920 ft.
Attenuation, dB/100 ft: 0.082 dB/100 ft.

HORIZONTAL RUN:

Type: MACX875B
Length, ft: 60 ft.
Attenuation, dB/100 ft: 0.082 dB/100 ft.

Line Efficiency: 83.20 %



ERP:

kW: 850.00
dBk: 29.29

POWER GAIN:

Ratio: 50.16
dBd: 17.00

ANTENNA INPUT:

kW: 16.95
dBk: 12.29

LINE LOSS:

kW: 3.42
dB: 0.80

TRANSMITTER POWER:

kW: 20.37
dBk: 13.09

Preliminary, subject to final design and review.